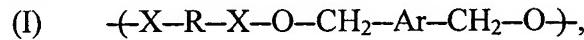


ABSTRACT

Herein is disclosed an oxygen scavenging composition, comprising (i) an oxygen scavenging polymer comprising structure I:



5 wherein -R- is selected from the group consisting of C₁-C₂₄ alkyl, C₁-C₂₄ substituted alkyl, C₆-C₂₄ aryl, and C₆-C₂₄ substituted aryl; -Ar- is selected from the group consisting of C₆-C₂₄ aryl and C₆-C₂₄ substituted aryl; and -X- is selected from the group consisting of null and -C(=O)-; (ii) a transition metal oxidation catalyst; and (iii) an energy-absorbing compound selected from the group consisting of microwave reactive materials and photoinitiators having a wavelength of maximum absorption of electromagnetic radiation from about 200 nm to about 750 nm. The oxygen scavenging composition can be used to form an oxygen barrier packaging article.

10